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All clock **domain crossing** logic should be contained in the bus adapter module. ... naturally introduces a one or two receive clock **period delay**, ...

[www.eetimes.com/in\\_focus/embedded\\_systems/OEG20030605S0036](#) - 74k -[Cached](#) - [Similar pages](#)[PDF] Clock domain modeling is essential in high density design

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Because the synchronizer imposes a two receive clock **delay** and because at ... **domain crossing** of the pointers and read/write **signals**. ...

[www.fulcrummicro.com/tech\\_resources/eetimes\\_03-0606\\_03.pdf](#) - [Similar pages](#)Semiconductor device for domain crossing - Patent 6980479

a **domain crossing** sensing block in response to a operation mode **signal**, first and second **delay** locked loop (DLL) clock **signals** and a CAS latency for ...

[www.freepatentsonline.com/6980479.html](#) - 73k - [Cached](#) - [Similar pages](#)[PDF] A 0.7–2-GHz Self-Calibrated Multiphase Delay-Locked Loop

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clock **period**. Assume that. is the **delay** time of the ith. **delay** cell, ... PD, implemented by a current-mode-logic **D-flip-flop** (CML ...

[ieeexplore.ieee.org/iel5/4/34101/01624394.pdf?tp=a&arnumber=1624394](#) - [Similar pages](#)FPGA-FAQ 0017 Tell me about Metastability

Since all flops are clocked by the same clock **signal**, all logic paths have the same **worstcase delay** requirements, which is clock **period** minus **flipflop** ...

[www.fpga-faq.com/FAQ\\_Pages/0017\\_Tell\\_me\\_about\\_metastables.htm](#) - 46k -[Cached](#) - [Similar pages](#)FPGA FAQ comp.arch.fpga archives - messages from 29675

De-rate > the Tco of the **domain crossing** FFs by some multiple, say 6, of the unrouted > **delay**. Then set up constraints like this: > > TIMESPEC TSSync = FROM ...

[www.fpga-faq.com/archives/29675.html](#) - 74k - [Cached](#) - [Similar pages](#)Clock domain modeling is essential in high density SoC design

Applying synchronizers is further complicated by **domain crossing** vectors where all bits of ... naturally introduces a one or two receive clock **period delay**, ...

[www.us.design-reuse.com/news/?id=5678&print=yes](#) - 30k - [Cached](#) - [Similar pages](#)Using delay - Patent Storm

A method for distributing clocks to **flip-flop** circuits which constitute a logic ... The **signal** phase shifting circuit includes a reference **signal period** ...

[www.patentstorm.us/class/713/401-Using\\_delay.html](#) - 47k - [Cached](#) - [Similar pages](#)[PDF] Chapter 12. DE Domain

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Flip F1 p. T. Clk. Q. Q'. Specific to the **DE Domain** ... counting process) through two channels with **random delay**, and. merge the channel outputs. sampler ...

[ptolemy.eecs.berkeley.edu/ptolemyclassic/almagest/docs/user/pdf/de.pdf](#) - [Similar pages](#)